

2007 YEAR OF WOMEN IN ENGINEERING

Creative / Diverse / Inspiring



*Initiatives for
2007 the Year of
Women in
Engineering in
Australia*

Gunilla Burrowes

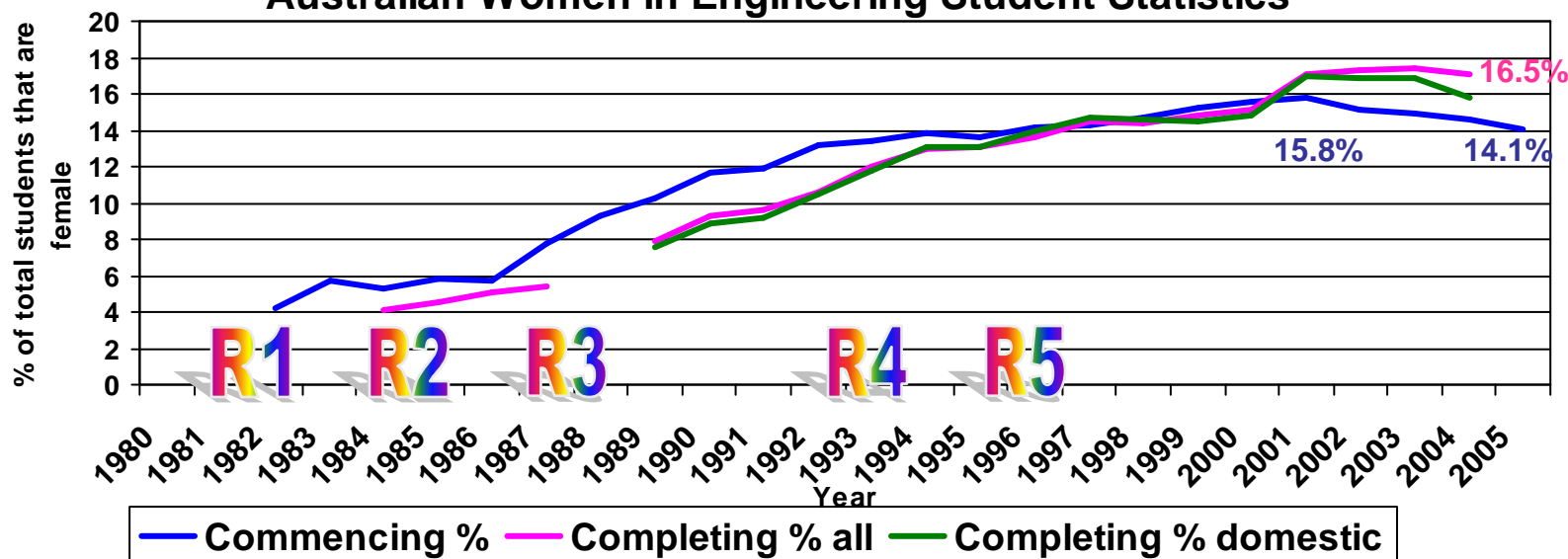




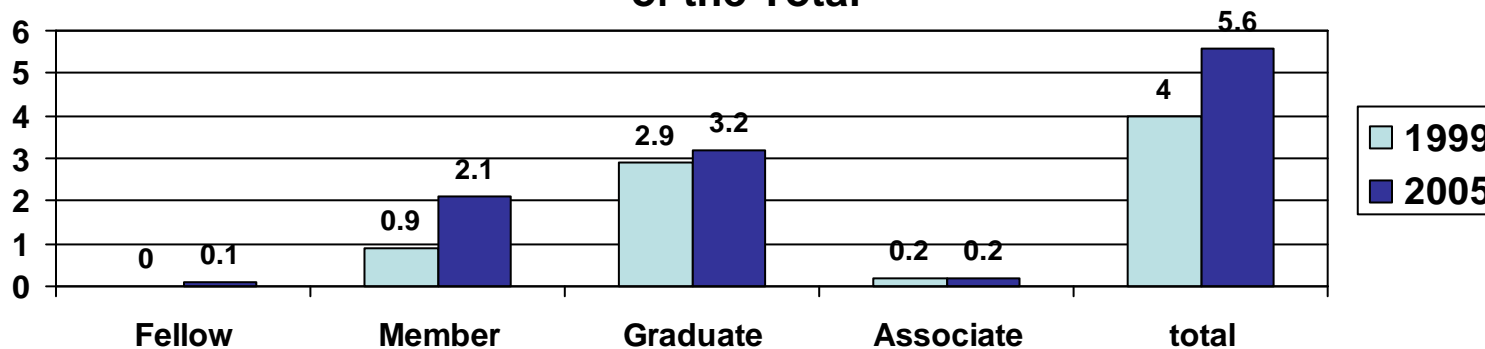
2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Facts and Figures

Australian Women in Engineering Student Statistics



Engineers Australia Women Membership as a Percentage of the Total



ENGINEERS AUSTRALIA



2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Objectives

- To increase **awareness** and understanding amongst the profession and wider community of the diversity, competence, influence and passion women have for engineering
- To promote Engineers Australia as a champion of women's issues by acknowledging the valuable and significant **contribution** women make across all engineering disciplines
- To **promote** to girls in high schools the **opportunities** and long-term career and lifestyle rewards that engineering offers women



2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Objective 1: Awareness Events and Initiatives

- Launch of the themed Year and Media Campaign
- The Purple Boot Campaign
- A conference and networking forum, co-hosted by APESMA, in Melbourne in July
- Eminent Speaker Program
- Monthly articles in Engineers Australia Magazine
- Publication ***Engineering a Better Workplace***
- **'Managing Diversity' Workshops** to be delivered around Australia

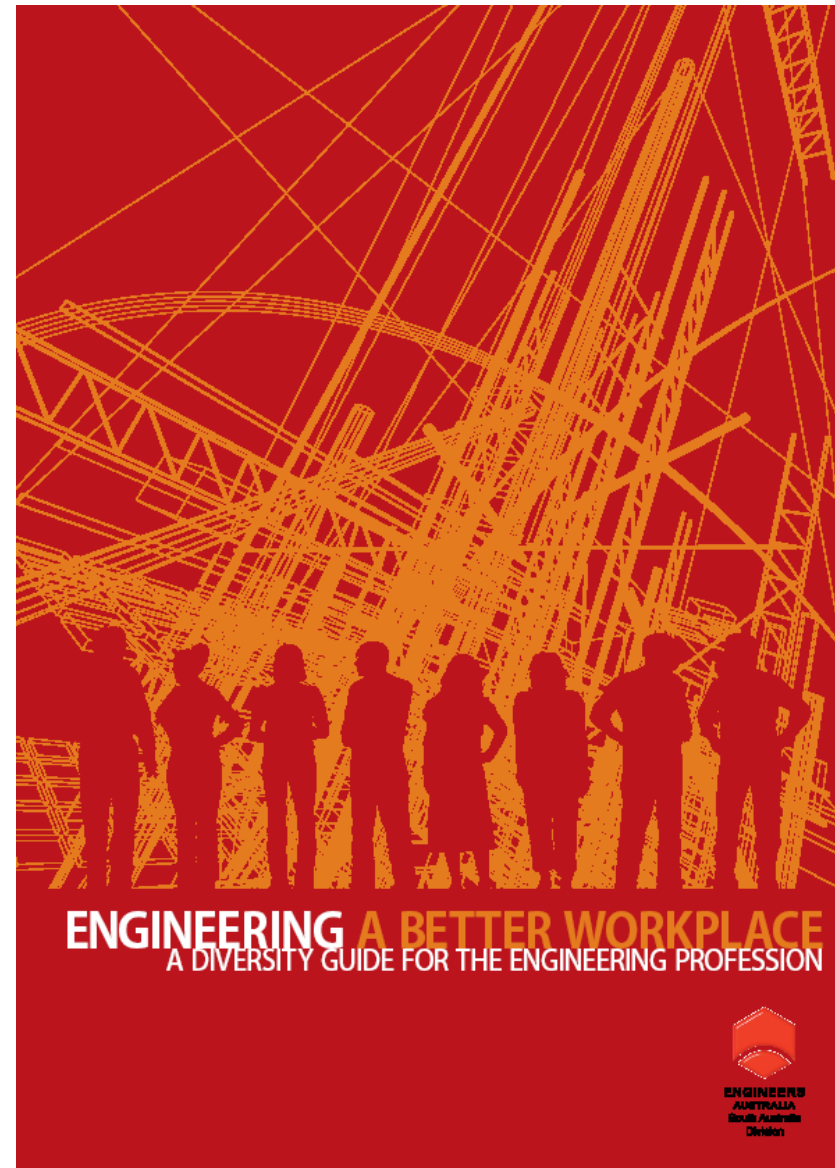


2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Engineering a Better Workplace - A Diversity Guide for the Engineering Profession

- aimed at engineering practitioners
- tools to assess the progress towards the full participation of women in engineering workplaces
- 2000 & 2007

Publication



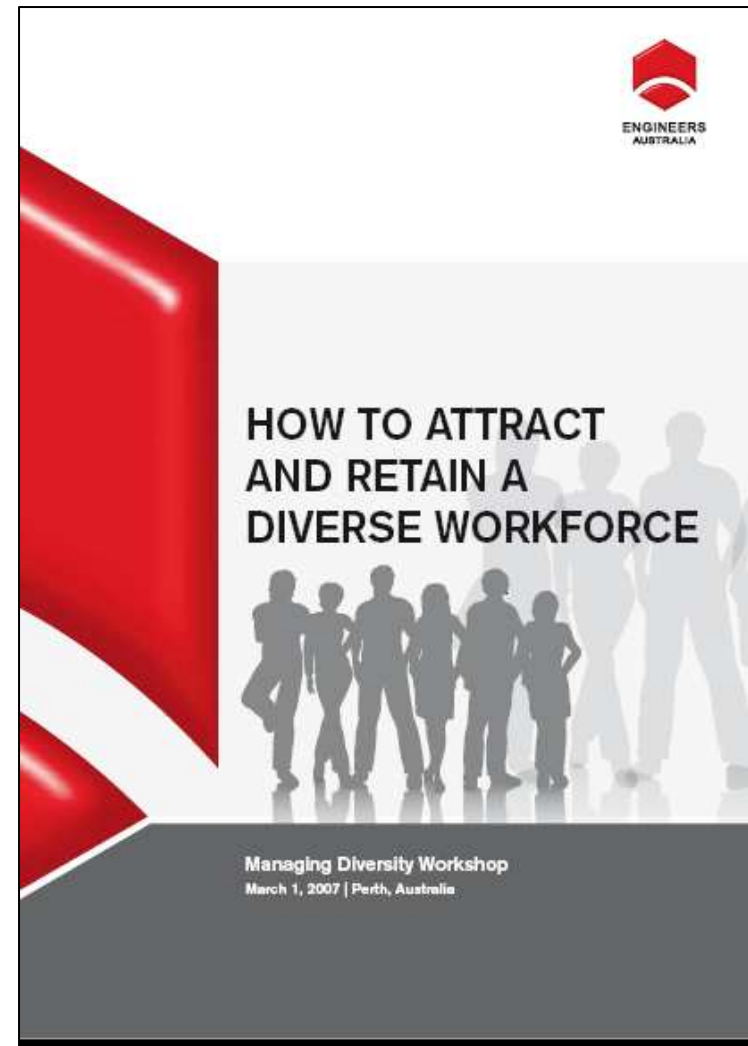


2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Managing Diversity Workshop

- aimed at Directors, Executives and Senior Operational Managers of organisations that employ engineers.
- highlights the benefits of having a diverse workforce
- a practical guide to attracting and retaining a diverse workforce

Workshops





2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Objective 2: Contribution Events and Initiatives

- Profiles in Engineers Australia Magazine & Website
 - Special issue in October: Most Inspiring Women Engineers
- An International Institute of Women in Engineering (IIWE) Scholarship.
- Awards
- Leading the Change' Workshops to be delivered around Australia.
- Update of the 2000 **Careers Review of Engineering Women (CREW) Report**



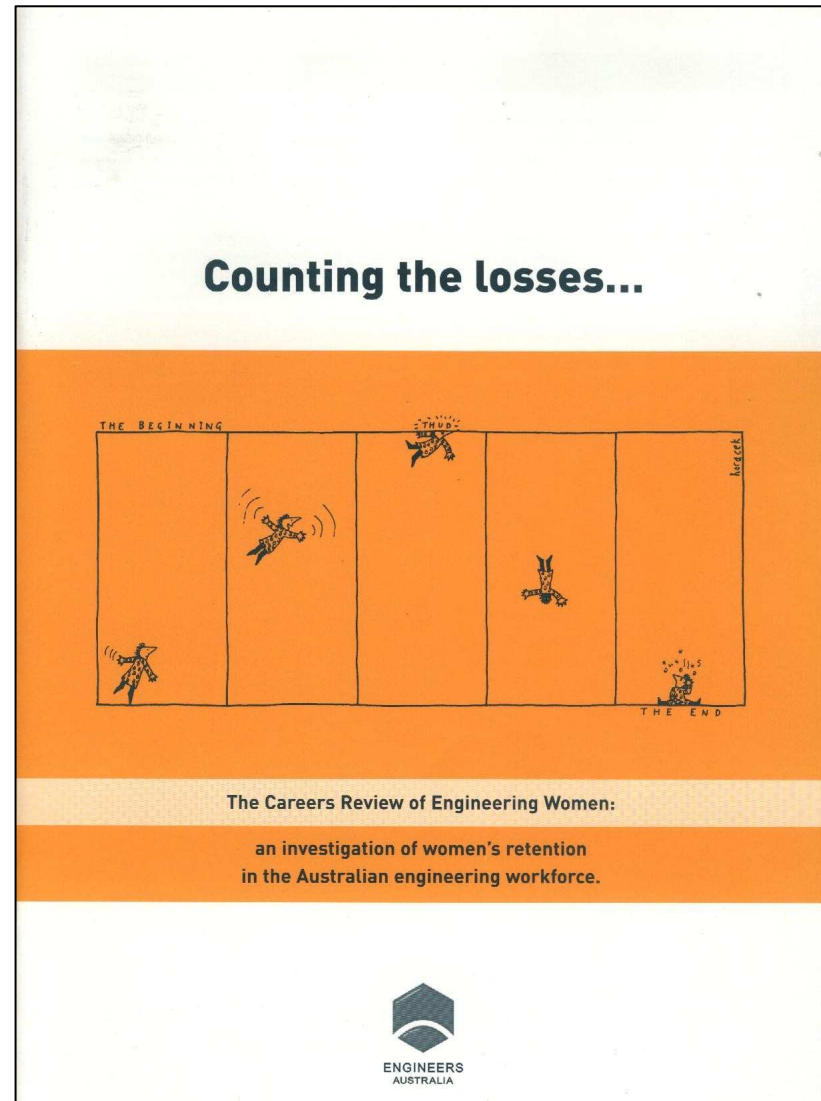


2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Careers Review of Engineering Women (CREW) Report – Counting the losses ...

-to investigate issues surrounding women's retention, satisfaction and progression in the professional engineering workforce
-2002 and 2007

CREW Report





2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Objective 3: Promote Opportunities Events and Initiatives

- Eng Quest (5 – 14 years) student and teachers
- Science and Engineering Challenge (14 – 16 years) students
- Science and Engineering Symposium hosted by the Federal Minister for Education, Science and Training, Ms Julie Bishop, March 2007.
- **Girls Talk** Program (14 – 18 years) students, teachers and parents



2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Seminars & Workshops

The Girl Talk Program

- aimed at young women in their senior years of school
- to identify the rewarding career opportunities for women in engineering.





2007 YEAR OF WOMEN IN ENGINEERING
Creative / Diverse / Inspiring

Conclusion

- Engineers Australia themed Year of Women in Engineering
- Need to take a holistic approach to the objectives:
 1. **Awareness** Raising inside and outside the profession,
 2. **Contribution** made by Female Engineers, and
 3. **Promoting Opportunity** to the next generation of Engineers
- The Future – this year is only the beginning
- What we have learnt was the need....
 1. for support from male champions
 2. to highlight early that not all women support these initiatives
 3. to highlight that the diversity problem is for the whole profession

2007 YEAR OF WOMEN IN ENGINEERING

Creative / Diverse / Inspiring

